APPENDIX A EXCEPTIONAL EVENT INITIAL NOTIFICATION

EE Initial Notification Summary Information

Submitting Agency: Clark County Department of Environment and Sustainability

Agency Contact: Mike Sword, Planning Manager

Date Submitted: November 30, 2020 Applicable NAAQS: 2015 8-hour Ozone

Affected Regulatory Decision¹: Attainment status

Area Name/Designation Status: Las Vegas Valley Nonattainment Area

Design Value Period: 2018-2020

A) Information specific to each flagged site day that may be submitted to EPA in support of the affected regulatory decision listed above

Type of Event	AQS Flag	Site AQS ID	Site Name	Exceedance Concentration (ppb)	Notes (e.g. event name, links to other events)				
Wildfire	RT	32-003-0298	Green Valley	77	Transport of smoke from the Planada Fire (CA) and Upper Colony				
	RT	32-003-0043	Paul Meyer	72	Fire (NV) to Clark County. Green Valley and Jerome Mack recorded the fourth highest 8-hour average O3 in 2018.				
	RT	32-003-0071	Walter Johnson	72	recorded the fourth highest o-hour average Co in 2010.				
Wildfire	RT	32-003-0075	Joe Neal	72	This exceedance correlated with the June 19 event and was				
	RT	32-003-0043	Paul Meyer	71	impacted by the Planada Fire (CA) and Upper Colony Fire (NV).				
	RT	32-003-0071	Walter Johnson	74					
Wildfire	RT	32-003-0298	Green Valley	75	Transport of smoke from the Jack Knife Fire (OR), Boxcar Fire				
	RT	32-003-0075	Joe Neal	72	(OR), Graham Fire (OR), Lions Fire (CA), and some additional				
	RT	32-003-0043	Paul Meyer	72	fires in northern California. Walter Johnson recorded the fourth highest 8-hour average O3 in 2018.				
	RT	32-003-0071	Walter Johnson	76	g				
Wildfire	RT	32-003-0298	Green Valley	78	Transport of smoke from the Lions Fire, Paw nee Fire, and Lane				
	RT	32-003-0075	Joe Neal	72	Fire in California, and some ongoing large fires in Oregon and				
	RT	32-003-0043	Paul Meyer	75	Mexico. Green Valley recorded the highest 8-hour average O3 in 2018.				
	RT	32-003-0071	Walter Johnson	76	2010:				
Wildfire	RΤ	32_003_0208	Green Valley	78	Transport of smoke from the Ferguson Fire (CA), Georges Fire				
VVIIQTII 6	RT	32-003-0298	Paul Meyer	72	(CA), Valley Fire (CA), Mohave Fire (CA), Mexico fires, and We Valley Fire (UT). Green Valley recorded the third highest 8-hour				
	Wildfire Wildfire Wildfire	Flag	Flag Wildfire RT 32-003-0298 RT 32-003-0071 RT 32-003-0071 Wildfire RT 32-003-0043 RT 32-003-0043 RT 32-003-0071 Wildfire RT 32-003-0075 RT 32-003-0071 Wildfire RT 32-003-0071 Wildfire RT 32-003-0075 RT 32-003-0075 RT RT	Wildfire	Wildfire RT 32-003-0298 Green Valley 77 RT 32-003-0043 Paul Meyer 72 RT 32-003-0071 Walter Johnson 72 Wildfire RT 32-003-0075 Joe Neal 72 RT 32-003-0043 Paul Meyer 71 RT 32-003-0071 Walter Johnson 74 Wildfire RT 32-003-0298 Green Valley 75 RT 32-003-0075 Joe Neal 72 RT 32-003-0075 Joe Neal 72 RT 32-003-0071 Walter Johnson 76 Wildfire RT 32-003-0075 Joe Neal 72 RT 32-003-0071 Walter Johnson 76 Wildfire RT 32-003-0075 Joe Neal 72 RT 32-003-0075 Joe Neal 72 RT 32-003-0071 Walter Johnson 76				

Date of Event	Type of Event	AQS Flag	Site AQS ID	Site Name	Exceedance Concentration (ppb)	Notes (e.g. event name, links to other events)
07/45/00 40	VAEL IS:	D.T.	00.000.000		70	
07/15/2018	Wildfire	RT	32-003-0298	Green Valley	73	This exceedance correlated with the July 14 event. Joe Neal recorded the second highest 8-hour average O3 in 2018.
	_	RT	32-003-0075	Joe Neal	78	recorded the second highest o-notificated age 65 in 2010.
		RT	32-003-0071	Walter Johnson	71	
07/16/2018	Wildfire	RT	32-003-0298	Green Valley	71	This exceedance correlated with the July 14 event. Walter
		RT	32-003-0075	Joe Neal	80	Johnson recorded the highest 8-hour average O3 in 2018.
		RT	32-003-0043	Paul Meyer	75	
		RT	32-003-0071	Walter Johnson	79	
07/17/2018	Wildfire	RT	32-003-0043	Paul Meyer	74	This exceedance correlated with the July 14 event. Walter
07/17/2010	VVIIdTII E	RT	32-003-0043	Walter Johnson	77	Johnson recorded the third highest 8-hour average O3 in 2018.
		IXI	32-003-0071	Waiter Johnson	77	
07/25/2018	Wildfire	RT	32-003-0298	Green Valley	72	Regional smoke created by the Ferguson Fire, Georges Fire,
		RT	32-003-0043	Paul Meyer	71	Lions Fire, and Cranston Fire in California, and additional fires in Mexico.
		RT	32-003-0071	Walter Johnson	72	INEXICO.
07/26/2018	Wildfire	RT	32-003-0298	Green Valley	77	This exceedance correlated with the July 25 event.
		RT	32-003-0043	Paul Meyer	72	·
		RT	32-003-0071	Walter Johnson	75	
07/07/0040) A P 15'		00.000.0075		70	
07/27/2018	Wildfire	RT	32-003-0075	Joe Neal	76	This exceedance correlated with the July 25 event. Joe Neal recorded the fourth highest 8-hour average O3 in 2018.
		RT	32-003-0043	Paul Meyer	72	Treserved the real trinighest of hear average so in 2016.
		RT	32-003-0071	Walter Johnson	74	
07/30/2018	Wildfire	RT	32-003-0298	Green Valley	73	Regional smoke created by the Carr Fire, Mendocino Complex Fire, Whaleback Fire, Ferguson Fire, Lions Fire, Georges Fire, and Cranston Fire in California.
07/31/2018	Wildfire	RT	32-003-0075	Joe Neal	73	This exceedance correlated with the July 30 event.
		RT	32-003-0071	Walter Johnson	73	
08/06/2018	Wildfire	RT	32-003-0298	Green Valley	74	Regional smoke created by the ongoing Carr Fire, Mendocino
		RT	32-003-0075	Joe Neal	76	Complex Fire, Ferguson Fire, Lions Fire, and an additional new

Date of Event	Type of Event AQS Site AQS ID Site Name Flag		Exceedance Concentration (ppb)	Notes (e.g. event name, links to other events)		
		RT	32-003-0043	Paul Meyer	79	fire, Donnell. Paul Meyer and Walter Johnson recorded the first
		RT	32-003-0071	Walter Johnson	77	and second highest 8-hour average O3 in 2018, respectively.
08/07/2018	Wildfire	RT	32-003-0298	Green Valley	72	This exceedance correlated with the August 6 event.
	-	RT	32-003-0075	Joe Neal	74	· ·
	-	RT	32-003-0043	Paul Meyer	73	
		RT	32-003-0071	Walter Johnson	74	
05/06/2020	Stratospheric	RO	32-003-0298	Green Valley	72	An upper-level, ozone-rich air mass was observed to the west of
03/00/2020	Intrusion	RO	32-003-0298	Joe Neal	76	Clark County in the days leading up to this event. Descending
	-	RO	32-003-0073	Paul Meyer	77	transport was observed between the upper-level air mass and
		RO	32-003-0043	Walter Johnson	78	monitoring sites in Clark County.
05/09/2020	Stratospheric Intrusion	RT	32-003-0043	Paul Meyer	74	An upper-level, ozone-rich air mass was observed to the
		RT	32-003-0071	Walter Johnson	71	southwest of Clark County in the days leading up to this event. Transport was observed between the upper-level air mass and monitoring sites in Clark County.
05/00/0000	Otratagalagia		20,000,0040	David Massar	70	An annual to the six and the s
05/28/2020	Stratospheric Intrusion	RO	32-003-0043	Paul Meyer	76	An upper-level, ozone-rich air mass was observed over Clark County and to the south of Clark County in the days leading up to
		RO	32-003-0071	Walter Johnson	71	and on the day of this event. A large mixing layer and descending transport were observed from the upper-level air mass to monitoring sites in Clark County.
00/00/0000	Wildfire	DT	20,000,0075	Joe Neal	70	The bound of the Maine National December
06/22/2020	vviidrire	RT	32-003-0075 32-003-0043		78 74	The wanpah Fire was observed in the Mojave National Preserve on the day of this event, with a smoke plume intersecting Clark
	-	RT RT		Paul Meyer	73	County. Other regional fires that are likely to have been influential
		KI	32-003-0071	Walter Johnson	73	during this event: Grade Fire (CA), Magnum Fire (AZ), Bush Fire (AZ), and Bighorn Fire (AZ).
06/26/2020	Wildfire	RT	32-003-0043	Paul Meyer	73	Transport from the Rock Path Fire (UT), Tw in Fire (NV), and Miller
00/20/2020	vviidi II E	IXI	32-003-0043	raui ivieyei	13	Fire (NV) was seen during this event. The Thermal Mulch Fire (CA) may also have played a role in this event.
00/02/2020	\\A/ilelfin =	DT	22,002,0202	Croon Valley	70	Disease transport of avecle franche Apple Fine in earth and
08/03/2020	Wildfire	RT	32-003-0298	Green Valley	72	Direct transport of smoke from the Apple Fire in southern California was seen during this event.
		RT	32-003-0075	Joe Neal	81	The state of the s

Date of Event	ent Type of Event AQS Site AQS ID Site Name Flag		Site Name	Exceedance Concentration (ppb)	Notes (e.g. event name, links to other events)						
		RT	32-003-0043	Paul Meyer	78						
		RT	32-003-0071	Walter Johnson	82						
08/07/2020	Wildfire	RT	32-003-0075	Joe Neal	72	Direct transport of smoke from the Apple Fire in southern					
		RT	32-003-0071	Walter Johnson	71	California was seen during this event.					
8/18/2020	Wildfire	RT	32-003-0075	Joe Neal	78	Regional smoke created by large fire complexes in CA influenced					
		RT	32-003-0043	Paul Meyer	79	the 8/18-8/21/2020 events in Clark County: Red Salmon					
		RT	32-003-0071	Walter Johnson	82	Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, and Dome Fire. Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).					
08/19/2020	Wildfire	RT	32-003-0298	Green Valley	71	Regional smoke created by large fire complexes in CA influenced					
06/19/2020	vviidili e	RT	32-003-0298	Joe Neal	73	the 8/18–8/21/2020 events in Clark County: Red Salmon					
	_					Complex, August Complex, LNU Lightning Complex, SCU					
	-	RT	32-003-0043	Paul Meyer	74	Lightning Complex, CZU Lightning Complex, Lake Fire, River					
		RT	32-003-0071	Walter Johnson	74	Fire, Carmel Fire, North Range Fire, and Dome Fire. Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).					
08/20/2020	Wildfire	RT	32-003-0075	Joe Neal	71	Regional smoke created by large fire complexes in CA influenced					
00/20/2020	Wildfille	IXI	32-003-0073	JUE INEZI	71	the 8/18–8/21/2020 events in Clark County: Red Salmon Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, and Dome Fire. Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).					
08/21/2020	Wildfire	RT	32-003-0043	Paul Meyer	71	Regional smoke created by large fire complexes in CA influenced the 8/18–8/21/2020 events in Clark County: Red Salmon Complex, August Complex, LNU Lightning Complex, SCU Lightning Complex, CZU Lightning Complex, Lake Fire, River Fire, Carmel Fire, North Range Fire, and Dome Fire. Other possible fires affecting regional smoke include: Cold Springs Fire, North Complex, Loyalton Fire, and Dolan Fire (all in CA).					
09/02/2020	Wildfire	RT	32-003-0043	Paul Meyer	73						

Date of Event	Type of Event	AQS Flag	Site AQS ID	Site Name	Exceedance Concentration (ppb)	
		RT	32-003-0071	Walter Johnson	75	Smoke created by the Evans Canyon Fire (WA), White River Fire (OR), and Lionshead Fire (OR) was transported to the Clark County area, resulting in this event. Other fires in CA that are likely to have contributed to this event: Slink Fire, SQF Lightning Complex, Dolan Fire, North Complex, SCU Lightning Complex, August Complex, and Red Salmon Complex.
09/26/2020	Wildfire	RT	32-003-0075	Joe Neal	75	Large fire complexes in CA led to regional smoke affecting Clark
		RT	32-003-0071	Walter Johnson	71	County during this event: Red Salmon Complex, August Complex, North Complex, SQF Lightning Complex, Blue Jay/Wolf Fires, Creek Fire, Bobcat Fire, B Dorado Fire, and (possibly) the Slater/Devil Fires.

B) Violating Sites Information

(Listing of all violating sites in the planning area, regardless of operating agency, and regardless of whether or not they are impacted by Es)

Site/monitor (AQS ID and POC)	Design Value (<u>without</u> EPA concurrence on any of the events listed in Table A above) (ppb)	Design Value (<u>with</u> EPA concurrence on all events listed in Table A above) (ppb)				
Green Valley (32-003-0298, POC: 1)	72 (2020 preliminary)	70				
Joe Neal (32-003-0075, POC: 1)	74 (2020 preliminary)	69				
Paul Meyer (32-003-0043, POC: 1)	73 (2020 preliminary)	70				
Walter Johnson (32-003-0071, POC: 1)	73 (2020 preliminary)	70				

C) Summary of Maximum Design Value (DV) Site Information (Effect of EPA Concurrence on Maximum Design Value Site Determination) (Two highest values from Table B)

Maximum DV site (AQS ID) without EPA concurrence on any of the events listed in table A above	Design Value	Design Value Site	Comment
	74	Joe Neal (32-003-0075, POC: 1)	
Maximum DV site (AQS ID) with EPA concurrence on all events listed in table A above	Design Value	Design Value Site	Comment
	70	Green Valley (32-003-0298, POC: 1) Paul Meyer (32-003-0043, POC: 1) Walter Johnson (32-003-0071, POC: 1)	Maximum DV at all 3 sites is same

D) List of any sites (AQS ID) within planning area with invalid design values (e.g., due to data incompleteness)

The Department of Environment and Sustainability does not anticipate any sites having invalid design values for the 2018–2020 design value period; however, final data for 2020 is still being collected and pending year-end submission.

APPENDIX B

PUBLIC NOTIFICATION

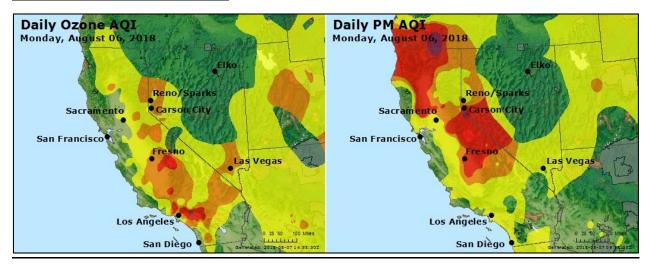
Real-time air quality data, Air Quality Index (AQI) maps, daily air quality forecasts, and event notifications are available on the DES website (https://clarkcountynvairquality.meteostar.com). Air quality forecasts and current data are also available through EPA's AirNow and EnviroFlash systems. DES issues air quality advisories and alerts to warn the public and regulated community if unhealthy levels of a regulated pollutant are anticipated, and to provide recommendations on reducing exposure and emissions. Advisories are issued when forecast conditions are favorable for pollutant levels to exceed the NAAQS, i.e., to reach the Unhealthy for Sensitive Groups (USG) level on the AQI, or when public health and safety might be in danger. Alerts are issued when air quality levels have already reached the AQI USG level or are expected to

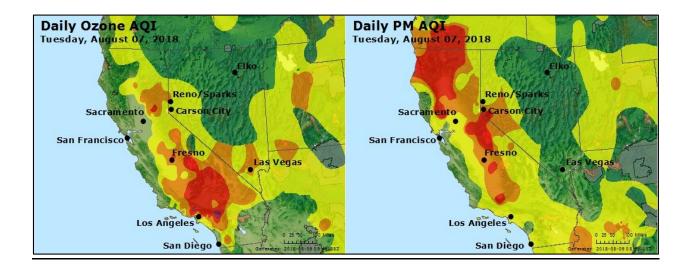
AQI for August 6-7, 2018

	Re	porting for	Augu	ıst 6,	2018		Augu		v 6 v	2018	3 V	Select a D	ifferent Da	ate					
											Air	Quality	Index						
Metropolitan Area	Air Quality Rating	Critical		Ozone				Cart Mono		Sulfur Dioxide		Nitrogen Dioxide		(St	PM-10 d Cond)	(Lc	M-2.5 I Acpt)	PM-2.5 (Lcl Cond)	
Non-Metropolitan County		Pollutant	1-H AQI	ppb		Hour I pp		8-Ho	ppm	1-H AQI	our ppb	1-H AQI	ppb	AQI	4-Hour μg/m³ (25° C)	AQI	-Hour μg/m³ LC	24 AQI	-Hour μg/m³ LC
Clark County Regio	on 1														(20 0)				LO
Apex	Unhealthy for sensitive groups	Ozone	*	82	112	74	ı												
Boulder City	Moderate	Ozone	*	65	74	62	2							17	17.84				
Greater Las Vegas	Unhealthy for sensitive groups	Ozone	*	88	129	79)	7	0.632	3	2.0	52	55.4	49	52.66			77	24.69
Indian Springs	Moderate	Ozone	*	72	87	66	;												
<u>Jean</u>	Moderate	Ozone	*	68	84	65	5							14	15.14			19	4.64
Mesquite	Moderate	Ozone	*	67	74	62	2												
Manitarina Citas in			L	Air Quality Index Carbon Sulfur Nitrogen PM-10 PM-2.5 PM-2.5															
Monitoring Sites in the	Air Quality Rating	Critical Pollutant	L	3		Ozone		Monoxide		Dioxide		Dioxide		(Std Cond)		(Lcl Acpt)		(Lcl Cond)	
Greater Las Vegas Metro Area			H	1-Hou		8-Ho			Hour		-Hour		Hour		24-Hour μg/m³		4-Hour μg/m³		-Hour μg/m³
			А	QIp	pb A	AQI	ppb	AQI	ppm	AQ	l ppt	AQI	ppb	AQI	(25° C)	AQI	LC	AQI	LC
Clark County	Unhealthy for sensitive groups	Ozone		* 8	38 1	129	79	7	0.632	3	2.0	52	55.4	49	52.66			77	24.69
Casino Center	Moderate	Nitrogen Dioxide										52	55.3						
Green Valley	Unhealthy for sensitive groups	Ozone	-	* 7	78 1	112	74							26	28.29			44	10.80
Jerome Mack	Unhealthy for sensitive groups	Ozone		* 7	78 1	101	71			3	2.0	48	50.8					77	24.69
Joe Neal	Unhealthy for sensitive groups	Ozone		* 8	38 1	118	76					21	22.6	44	47.90			70	21.36
Palo Verde	Unhealthy for sensitive groups	Ozone		* 7	78 1	104	72							31	32.97				
Paul Meyer	Unhealthy for sensitive groups	Ozone	01	* 8	36 1	129	79							37	39.57			60	16.69
Rancho & Teddy	Moderate	PM-2.5						5	0.438			41	43.4					60	16.65
Sunrise Acres	Moderate	PM-2.5	_ _		_ _		_	7	0.632			52	55.4	49	52.66			68	20.36
Walter Johnson	Unhealthy for sensitive groups	Ozone	3	* 8	34 1	122	77							37	39.76				

	Re	eporting for	Augu	st 7,	2018		August		7 ~ / ww	2018	∨ [5	elect a D	ifferent Da	ate					
											Air (Quality	Index						
Metropolitan Area or	Air Quality Rating	Critical		Oz	one			arbor		Sulfur Dioxide		Nitrogen Dioxide			PM-10 d Cond)		M-2.5 I Acpt)	PM-2.5 (Lcl Cond)	
Non-Metropolitan County	All Quality Raulig	Pollutant	1-H	our	8-H	lour	8	-Hour	r.	1-Ho	our	1-H	our	2	4-Hour	24	-Hour	24	l-Hour
		AQI	ppb	AQI	ppb	AQI	pį	pm	AQI	ppb	AQI	ppb	AQI	μg/m³ (25° C)	AQI	μg/m³ LC	AQI	μg/m³ LC	
Clark County Regio	on 1][J((4)		
Apex	Unhealthy for sensitive groups	Ozone	*	80	101	71													
Boulder City	Moderate	Ozone	*	62	61	58								23	25.15				
Greater Las Vegas	Unhealthy for sensitive groups	Ozone	*	85	112	74	6	0.5	543	2	1.3	52	54.6	40	42.67			54	13.98
Indian Springs	Moderate	Ozone	*	73	80	64											36		
<u>Jean</u>	Moderate	Ozone	*	67	80	64								17	18.14			27	6.70
Mesquite	Moderate	Ozone	*	65	71	61													
	Re	eporting for	Augu	st 7,			August Emu n to M	late W	7 ✓ /WW QI Rep			Select a D		ate					
			Air Quality Index Carbon Sulfur Nitrogen PM-10 PM-2.5 PM-2.5																
Monitoring Sites in the		Critical		Ozone			Carbon Monoxide		1	ulfur oxide		rogen oxide		PM-10 td Cond)		M-2.5 cl Acpt)	PM-2.5 (Lcl Cond)		
Greater Las Vegas	Air Quality Rating	Pollutant	1	-Hou	r	8-Hou	ır	r 8-Hour		1-Hour		1-Hour		24-Hour		24-Hour		24-Hour	
Metro Area			AC	JI pi	ob A	QI p	pb A	QI	ppm	AQI	ppb	AQI	ppb	AQI	μg/m³ (25° C)	AQI	μg/m³ LC	AQI	μg/m³ LC
Clark County	Unhealthy for sensitive groups	Ozone	*	8	5 1	12	74	6	0.543	2	1.3	52	54.6	40	42.67			54	13.98
Casino Center	Moderate	Nitrogen Dioxide										52	54.6						
Green Valley	Unhealthy for sensitive groups	Ozone	*	8	1 1	04	72							22	24.18			32	7.92
Jerome Mack	Unhealthy for sensitive groups	Ozone	*	8	1 1	01	71			2	1.3	43	45.2					54	13.98
Joe Neal	Unhealthy for sensitive groups	Ozone	*	8	4 1	12	74					11	11.9	24	25.38			32	7.94
Palo Verde	Moderate	Ozone	*	7	7	90 (67							22	24.27				
Paul Meyer	Unhealthy for sensitive groups	Ozone	*	8	4 1	08	73							25	27.35			38	9.37
Rancho & Teddy	Good	Nitrogen Dioxide						4	0.347			44	46.8					39	9.63
Sunrise Acres	Good	Nitrogen Dioxide						6	0.543			47	49.6	40	42.67			41	10.24
Walter Johnson	Unhealthy for sensitive groups	Ozone	*	8	5 1	12	74							22	23.82				

AQI maps for August 6-7, 2018





Air Quality Forecast

AIR QUALITY FORECAST Smoke, Ozone Advisory Extended Thru Wednesday Forecast (Updated 8/6/2018) Ozone Carbon Monoxide Dust/Smoke/Soot UNH-SG Mon (8/6/2018) Good UNH-SG UNH-SG UNH-SG Tue (8/7/2018) Good Wed (8/8/2018) UNH-SG Good UNH-SG Thu (8/9/2018) Moderate Good Moderate Fri (8/10/2018) Moderate Good Moderate

From our Meteorologists:

High pressure with southwesterly flow aloft continues to transport wild fire smoke from California causing the hazy sky and higher fine particle (PM2.5) levels. Light wind speeds in the lower atmosphere levels are also increasing ozone. -- You can follow Clark County air quality conditions and updates on Twitter: @CCAirQuality. --

AIR QUALITY FORECAST

Smoke, Ozone Advisory Extended Thru Wednesday

Forecast

(Updated 8/7/2018)

	Ozone	Carbon Monoxide	Dust/Smoke/Soot
Tue (8/7/2018)	UNH-SG	Good	Moderate
Wed (8/8/2018)	UNH-SG	Good	Moderate
Thu (8/9/2018)	Moderate	Good	Moderate
Fri (8/10/2018)	Moderate	Good	Moderate
Sat (8/11/2018)	Moderate	Good	Moderate

From our Meteorologists:

The high pressure area controlling Great Basin weather is continuing to bring smoke from California wildfires. While we have less smoke and haze today than the last few days, ozone and particulate matter levels will remain high through Wednesday. -- You can follow Clark County air quality conditions and updates on Twitter: @CCAirQuality. --

More Detailed Monitoring Information What is an Air Quality Advisory or Alert?

Other questions or comments?

Paul Fransioli: (702) 455-2656 Paul Fransioli@ClarkCountyNV.gov

Jose Chaverria: (702) 455-1633 Jose.Chaverria@clarkcountynv.gov

Air Quality Advisory



News Release

County Commission: Steve Sisolak, Chairman Chris Giunchigliani, Vice Chair Susan Brager Larry Brown James B. Gibson Marilyn Kirkpatrick

Yolanda King, County Manager

Office of Public Communications • (702) 455-3546 • FAX (702) 455-3558 • www.ClarkCountyNV.gov

Contact: Kevin J MacDonald Public Information Officer Phone: Mobile: E-mail: (702) 455-6131 (702) 232-0931 kevmac@ClarkCountyNV.gov

For Immediate Release

Monday, Aug. 6, 2018

Wildfire Smoke Forces Advisory Extension

Clark County's Department of Air Quality (DAQ) is extending its smoke and ozone advisory to include Monday, Aug. 6 – Wednesday, Aug. 8. Smoke from California wildfires continues to move into the region which, combined with local weather conditions, may increase ground level ozone for the next few days. The wildfire smoke may also contribute to elevated levels of particulate matter ($PM_{2.5}$) for our region today.



According to the U.S. Environmental Protection Agency, people who may be most sensitive to elevated levels of particulates and ozone include individuals with respiratory problems, cardiac disease, young children or senior citizens. Consult your physician if you have a medical condition that makes you sensitive to air quality conditions.

Smoke is made of small particles and other pollutants that can aggravate respiratory diseases and contribute to ground-level ozone formation. Exposure to ozone can induce coughing, wheezing and shortness of breath even in healthy people. A seasonal ozone advisory is currently in effect.

SMOKE AND OZONE TIPS

- Stay indoors when you smell or see smoke.
- Limit outdoor activity and exertion when ozone levels are elevated exercise makes you breathe
 heavier and increases the amount of particulates you may inhale.
- Keep windows and doors closed. Run your air conditioner inside your house and car. Air conditioning filters out smoke and particles.
- Change your indoor air filters if they are dirty.
- · Schedule activities for the morning or evening when ozone levels are usually lower.
- Substitute a less intense activity walk instead of jog, for example.
- Reduce driving combine errands into one trip.
- · Don't idle your car engine unnecessarily.
- Use mass transit or carpool.
- Fill up your gas tank after sunset. Try not to spill gasoline when filling up, and don't top off your tank.
- · Keep your car well maintained.
- Consider landscaping that uses less water and gas-powered equipment to maintain.
- Turn off lights and electronics when not in use. Less fuel burned at power plants means cleaner air.

[more]

Clark County news releases may be found at www.ClarkCountyNV.gov. You may also follow the County on more than 40 social media sites, including Facebook, Twitter, Instagram, LinkedIn, Pinterest and YouTube.

News Release

Air Quality Smoke, Ozone Advisory, cont.

STAY UP TO DATE WITH AIR QUALITY INFORMATION

The Department of Air Quality monitors air pollution through a network of monitoring sites throughout the Las Vegas Valley. Data is collected from these sites and reported at our monitoring website:

<u>AirQuality.ClarkCountyNV.gov</u>. People can stay informed through a couple channels:

- Twitter and Facebook: Read air quality updates in your Facebook news feed or tweets. On Facebook: www.facebook.com/ClarkCountyAirQuality and Twitter: @CCAirQuality.
- EnviroFlash: Receive daily text or email messages with the latest air quality information. Learn more at
 <u>www.enviroflash.org</u>. Air Quality also issues advisories and alerts for ozone and other pollutants such
 as dust, smoke and other particulate matters.
- AIRNow: Check air quality forecasts, current conditions and the Air Quality Index (AQI) for Clark County at AIRNow's website.

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Clark County is a dynamic and innovative organization dedicated to providing top-quality service with integrity, respect and accountability. With jurisdiction over the world-famous Las Vegas Strip and covering an area the size of New Jersey, Clark is the nation's 14th-largest county and provides extensive regional services to more than 2.25 million citizens and 45.5 million visitors a year (including Mesquite, Laughlin and Primm). Included are the nation's 8th-busiest airport, air quality compliance, social services and the state's largest public hospital, University Medical Center. The County also provides municipal services that are traditionally provided by cities to about 1 million residents in the unincorporated area. Those include fire protection, roads and other public works, parks and recreation, and planning and development.

Clark County news releases may be found at www.ClarkCountyNV.gov. You may also follow the County on more than 40 social media sites, including Facebook, Twitter, Instagram, LinkedIn and YouTube.

APPENDIX C

Documentation of Public Comment Process

ITEMS TO BE INSERTED AT A LATER DATE.